

MAT-8212US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: T. Sakuragawa et al. : Art Unit:
Serial No.: To Be Assigned : Examiner:
Filed: Herewith :
FOR: MULTI-FREQUENCY ANTENNA :
DUPLEXER :

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231
S I R :

Prior to examination, please amend the above application as follows:

IN THE SPECIFICATION:

After the title and before the first paragraph, please insert the following paragraph:

THIS APPLICATION IS A U.S. NATIONAL PHASE APPLICATION OF
PCT INTERNATIONAL APPLICATION PCT/JP01/04820.

IN THE DRAWINGS:

Please delete page "9/9" of the drawings, also labeled as "Reference numerals in the drawings" in its entirety.

IN THE CLAIMS:

Please replace claims ~~2~~ and ~~9~~ with the following amended claims:

- a/
- 1 2. (As Amended) The multi-frequency antenna duplexer of claim 1, wherein
 - 2 in each of the receiver SAW filters, a phase shift substrate for rotating a phase of a
 - 3 transmission band of the each of said plurality of antenna duplexers including said
 - 4 each of the receiver SAW filters is incorporated between the first piezoelectric